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PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

MISSION Q168
4 NOVEMBER 1966

NPIC/R-402/66
JANUARY 1967

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

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TITLE	SEC. CLASS.	LOCATION
NPIC		
1102/66	Jan 1967	G/NOFORN

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PREFACE

This Mission Index (MI) lists the intelligence targets imaged on the photography of this mission.

Targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Map base used for derivation of coordinates is the best available among these series: US Air Target Chart Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears between the installation name and coordinates.

Photo reference data includes all photo references and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud

Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

The word "new" preceding the photo reference data indicates that the target is either a newly identified installation or a known installation which is being reported for the first time by NPIC. The word "change" indicates that a major change is observed at a previously reported installation or analysis of current photography furnishes more precise information. The "new" and "change" targets and targets where order of battle can be identified will be described in Summary Reports.

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

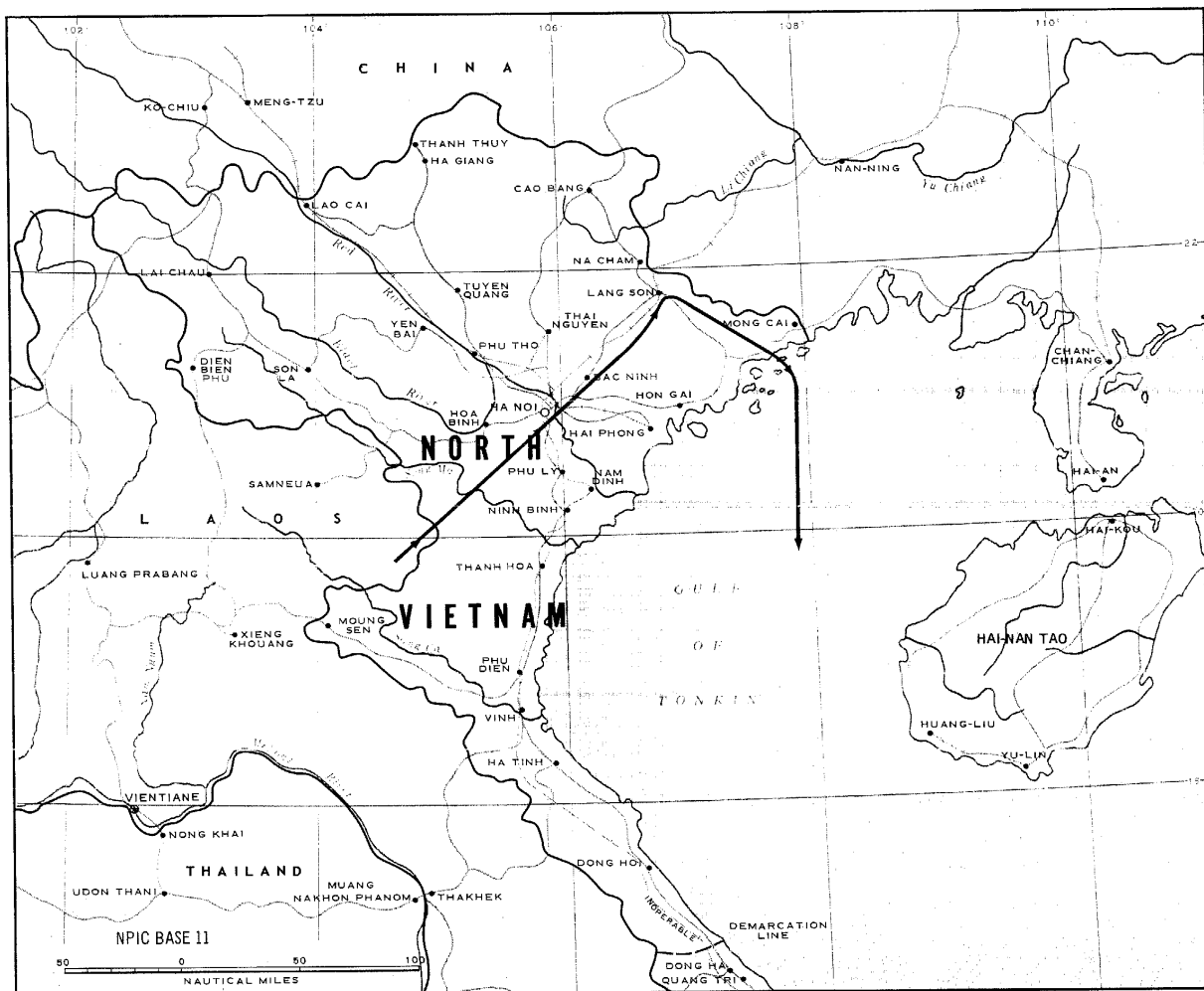
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APPROXIMATE TRACK OF [REDACTED] MISSION Q168, 4 NOVEMBER 1966.

NPIC L-2501 (1/67)

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
-- MISSILES --				
HQA BINH SAM SITE B20-2 (83) [REDACTED] 25X1D	2035N 10517E	0616	25X1A	115-F
HA NOI SAM SUPPORT FACILITY CHANGE [REDACTED] 25X1D	2044N 10539E	0616		269-A
HA NOI SAM SITE B17-2 (1) CHANGE [REDACTED] 25X1D	2047N 10554E	0616		114-G
HA NOI SAM SITE B21-2 (2) [REDACTED] 25X1D	2051N 10545E	0616		114-H
HA NOI SAM SITE B17A-2 (118) [REDACTED] 25X1D	2051N 10555E	0616		265-B
HA NOI SAM SITE A17A-2 (45) CHANGE [REDACTED] 25X1D	2052N 10554E	0616		266-G
HA NOI SAM SITE B25-2 (11) [REDACTED] 25X1D	2054N 10536E	0616		266-E
HA NOI SAM SITE A19-2 (15) CHANGE [REDACTED] 25X1D	2055N 10550E	0616		266-F
HA NOI SAM SITE A24-2 (19) [REDACTED] 25X1D	2056N 10543E	0616		256-F

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE A14-2 (142) CHANGE [REDACTED] 25X1D	[REDACTED]	2056N 10558E	0616	[REDACTED]	499-B
HA NOI SAM SITE B12-2 (3) CHANGE [REDACTED] 25X1D		2056N 10604E	0616	[REDACTED]	312-A
HA NOI SAM SITE A11-2 (9) CHANGE [REDACTED] 25X1D		2100N 10555E	0616	[REDACTED]	114-I
HA NOI SAM SITE A10-2 (14) [REDACTED] 25X1D		2101N 10558E	0616	[REDACTED]	114-K
HA NOI SAM SITE B04-2 (5) [REDACTED] 25X1D		2111N 10559E	0616	[REDACTED]	206-E
HAI PHONG SAM SITE C32A-2 (59) [REDACTED] 25X1D		2106N 10622E	0616	[REDACTED]	302-B
HAI PHONG SAM SITE C32-2 (58) [REDACTED] 25X1D		2106N 10623E	0616	[REDACTED]	302-A
HA NOI SAM SITE B07-2 (95) CHANGE [REDACTED] 25X1D		2108N 10609E	0616	[REDACTED]	206-G
HA NOI SAM SITE B07A-2 (148) [REDACTED] 25X1D		2109N 10609E	0616	[REDACTED]	206-G1
HA NOI SAM SITE C06A-2 (78) CHANGE [REDACTED] 25X1D		2115N 10616E	0616	[REDACTED]	238-J
				25X1A	

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI FIELD DEPLOYED PROB SAM SITE (108) [REDACTED] 25X1D	[REDACTED]	2116N 10618E	0616	25X1A	238-K
HA NOI SAM SITE C07-2 (30) CHANGE [REDACTED] 25X1D		2116N 10619E	0616	[REDACTED]	238-G
HA NOI SAM SITE C05-2 (62) CHANGE [REDACTED] 25X1D		2117N 10605E	0616	[REDACTED]	206-F
HA NOI SAM SITE D06-2 (105) [REDACTED] 25X1D		2118N 10621E	0616	[REDACTED]	496-A
HA NOI SAM SITE C06-2 (32) CHANGE [REDACTED] 25X1D		2119N 10615E	0616	[REDACTED]	238-H
HA NOI SAM SITE C04A-2 (57) [REDACTED] 25X1D		2120N 10608E	0616	[REDACTED]	238-I
HAI PHONG SAM SITE D35-2 (89) [REDACTED] 25X1D		2121N 10630E	0616	[REDACTED]	397-E
HA NOI SAM SITE E07-2 (31) [REDACTED] 25X1D		2122N 10635E	0616	[REDACTED]	397-D
HAI PHONG SAM SITE D35A-2 (97) [REDACTED] 25X1D		2123N 10634E	0616	[REDACTED]	397-F
-- AIR INSTALLATIONS --					
HA NOI/BAC MAI AIRFIELD [REDACTED] 25X1D		2059N 10550E	0616		112-E

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI/GIA LAM AIRFIELD [REDACTED] 25X1D	[REDACTED]	2102N 10553E	0616	[REDACTED]	114
KEP HA AIRFIELD [REDACTED] 25X1D		2123N 10640E	0616		397
KEP AIRFIELD CHANGE [REDACTED] 25X1D		2124N 10616E	0616		211
-- MILITARY INSTALLATIONS --					
VAN HOA PORT FACILITIES PORT WALLUT [REDACTED] 25X1D		2112N 10734E	0615		103
XOM COI MILITARY CAMP CHANGE [REDACTED] 25X1D		2017N 10511E	0616		250
PHU YEN MILITARY INSTALLATION [REDACTED] 25X1D		2048N 10542E	0616		345
THUONG LAM MILITARY AREAS [REDACTED] 25X1D		2049N 10539E	0616		230-A
NINH DUONG ARMY BARRACKS SW NGA MY [REDACTED] 25X1D		2052N 10546E	0616		265
VAN TRAI MILITARY AREAS CHANGE [REDACTED] 25X1D		2052N 10552E	0616		266-B
THUONG DINH ARMY BARRACKS NORTH CHANGE [REDACTED] 25X1D		2054N 10551E	0616	25X1A	266

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
CHUC SON ARMY BARRACKS NORTH [REDACTED] 25X1D	2056N 10543E	0616	[REDACTED]	256-C
HA DONG ARMY BARRACKS SW [REDACTED] 25X1D	2057N 10545E	0616	[REDACTED]	256
HA DONG ARMY BARRACKS [REDACTED] 25X1D	2058N 10546E	0616	[REDACTED]	256-B
HA NOI POSSIBLE BARRACKS AREA BAC MAI [REDACTED] 25X1D	2059N 10550E	0616	[REDACTED]	112-F
HA NOI ARMY BARRACKS BAC MAI AIRFIELD [REDACTED] 25X1D	2059N 10550E	0616	[REDACTED]	112-G
BAN YEN NHAN ARMY BARRACKS [REDACTED] 25X1D	2056N 10602E	0616	[REDACTED]	312
HA NOI ARMY BARRACKS SOUTH QUINH LOI [REDACTED] 25X1D	2100N 10551E	0616	[REDACTED]	112-P
HA NOI AREA ARMY BARRACKS WEST YEN LANG [REDACTED] 25X1D	2101N 10548E	0616	[REDACTED]	112-I
HA NOI ARMY BARRACKS WEST MAI DICH [REDACTED] 25X1D	2102N 10547E	0616	[REDACTED]	112-L
HA NOI MIN OF NAT DEF ARMY & MIL ZONE HQ [REDACTED] 25X1D	2102N 10550E	0616	[REDACTED]	112-A
HA NOI ARMY BARRACKS NNW THUY PHUONG [REDACTED] 25X1D	2104N 10546E	0616	[REDACTED]	112-M
HA NOI ARMY BARRACKS NE GIA THUONG [REDACTED] 25X1D	2104N 10553E	0616	[REDACTED]	114-E
			25X1A	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BINH HA POSSIBLE MILITARY CAMP [REDACTED] 25X1D	2107N 10557E	0616	25X1A [REDACTED]	297
CHU MAU PROBABLE BARRACKS AREA U/C CHANGE [REDACTED] 25X1D	2109N 10606E	0616		206-J
BAC NINH ARMY BARRACKS [REDACTED] 25X1D	2111N 10603E	0616		206-A
BAC NINH MILITARY AREA [REDACTED] 25X1D	2111N 10605E	0616		206-C
BAC NINH ARMY BARRACKS NE DAP CAU [REDACTED] 25X1D	2112N 10605E	0616		206-B
BAC GIANG ARMY BARRACKS NE DINH XUYEN CHANGE [REDACTED] 25X1D	2119N 10615E	0616		238-A
TRAI THON BARRACKS AREA [REDACTED] 25X1D	2120N 10609E	0616		238-E
DAO KAP BARRACKS AREAS [REDACTED] 25X1D	2121N 10630E	0616		527
KEP HA ARMY BARRACKS SOUTH [REDACTED] 25X1D	2121N 10636E	0616		397-C
HOAI AN AMMUNITION DEPOT [REDACTED] 25X1D	2026N 10533E	0616		490
BA LAM ARMY SUPPLY DEPOT SW [REDACTED] 25X1D	2040N 10539E	0616		269

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
VAN DIEN ARMY SUPPLY DEPOT [REDACTED] 25X1D	2056N 10551E	0616	[REDACTED]	266-C
HA DONG ARMY SUPPLY DEPOT [REDACTED] 25X1D	2058N 10547E	0616	[REDACTED]	112-H
KE SAT MILITARY STORAGE AREA [REDACTED] 25X1D	2054N 10606E	0616	[REDACTED]	311
PHU THI PROBABLE MILITARY STORAGE AREA [REDACTED] 25X1D	2100N 10558E	0616	[REDACTED]	499
HA NOI STORAGE DEPOT CO BI [REDACTED] 25X1D	2102N 10555E	0616	[REDACTED]	114-B
HA NOI ARMY SUPPLY DEPOT NNE [REDACTED] 25X1D	2104N 10553E	0616	[REDACTED]	114-D
AI MO WAREHOUSE AREA WEST [REDACTED] 25X1D	2104N 10555E	0616	[REDACTED]	407-C
AI MO WAREHOUSE AREA EAST [REDACTED] 25X1D	2105N 10555E	0616	[REDACTED]	407-B
KEP HA ARMY BARRACKS NORTHEAST [REDACTED] 25X1D	2113N 10638E	0616	[REDACTED]	397-A
BAC GIANG AMMUNITION DEPOT [REDACTED] 25X1D	2118N 10608E	0616	[REDACTED]	238-F
DAO CU XU COASTAL DEFENSE SITE U/C [REDACTED] 25X1D	2100N 10745E	0615	25X1A	112

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-- ELECTRONICS/COMMUNICATIONS --			25X1A	
HA NOI RADIO TRANSMISSION STATION DAI MO [REDACTED] 25X1D	2059N 10546E	0616	[REDACTED]	256-A
-- INDUSTRY --				
BAC GIANG CHEMICAL FERTILIZER PLANT CHANGE [REDACTED] 25X1D	2118N 10612E	0616	[REDACTED]	238-C
-- BASIC SERVICES --				
KEP LOW-HEAD HYDROELECTRIC POWERPLANT [REDACTED] 25X1D	2126N 10620E	0616	[REDACTED]	211-I
HA NOI RR CAR REPAIR SHOPS GIA LAM [REDACTED] 25X1D	2103N 10553E	0616	[REDACTED]	114-C
YEN VIEN RR CLASSIFICATION YARD [REDACTED] 25X1D	2105N 10555E	0616	[REDACTED]	407-A
-- STORAGE --				
[REDACTED]			[REDACTED]	
HA NOI STORAGE AREA BAC MAI [REDACTED] 25X1D	2059N 10550E	0616	[REDACTED]	112-U
CANH THUY PROBABLE STORAGE AREA U/C [REDACTED] 25X1D	2112N 10615E	0616	[REDACTED]	526
TIEN NHA MILITARY AREA [REDACTED] 25X1D	2119N 10625E	0616	[REDACTED]	528

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
TAM DY STORAGE AREA [REDACTED] 25X1D	2121N 10627E	0616		527-A
KEP POL STORAGE FACILITY [REDACTED] 25X1D	2123N 10618E	0616	25X1A	211-B
CAM LY AMMUNITION DEPOT CHANGE [REDACTED] 25X1D	2113N 10624E	0616		496
HA NOI WAREHOUSE AREA SOUTHEAST [REDACTED] 25X1D	2100N 10553E	0616		112-C
KEP STORAGE AREA 1 [REDACTED] 25X1D	2125N 10618E	0616		211-F
KEP STORAGE AREA 2 [REDACTED] 25X1D	2125N 10620E	0616		211-G
-- URBAN COMPLEXES --				
HA NOI COMPLEX [REDACTED] 25X1D	2101N 10551E	0616		112

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BAC GIANG CHEMICAL FERTILIZER PLANT	8
BAC NINH ARMY BARRACKS	6
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HA DONG ARMY BARRACKS	5
HA DONG ARMY BARRACKS SW	5
HA DONG ARMY SUPPLY DEPOT	7
HA NOI AREA ARMY BARRACKS WEST YEN LANG	5
HA NOI ARMY BARRACKS BAC MAI AIRFIELD	5
HA NOI ARMY BARRACKS NE GIA THUONG	5
HA NOI ARMY BARRACKS NNW THUY PHUONG	5
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HA NOI SAM SITE A17A-2 (45)	1
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HOAI AN AMMUNITION DEPOT
KE SAT MILITARY STORAGE AREA
KEP AIRFIELD
KEP HA AIRFIELD
KEP HA ARMY BARRACKS NORTHEAST
KEP HA ARMY BARRACKS SOUTH
KEP LOW-HEAD HYDROELECTRIC POWERPLANT
KEP POL STORAGE FACILITY
KEP STORAGE AREA 1
KEP STORAGE AREA 2
NINH DUONG ARMY BARRACKS SW NGA MY
PHU THI PROBABLE MILITARY STORAGE AREA
PHU YEN MILITARY INSTALLATION
TAM DY STORAGE AREA
[REDACTED]
THUONG DINH ARMY BARRACKS NORTH
THUONG LAM MILITARY AREAS
TIEN NHA MILITARY AREA
TRAI THON BARRACKS AREA
VAN DIEN ARMY SUPPLY DEPOT
VAN HOA PORT FACILITIES PORT WALLUT
VAN TRAI MILITARY AREAS
XOM COI MILITARY CAMP
YEN VIEN RR CLASSIFICATION YARD

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